



03-17-03

RECEIVED  
MAR 24 2003  
TECH CENTER 1600/2000

Please type a plus sign (+) inside this box → PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0034U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/673,958
		Filing Date	8/13/2001
		First Named Inventor	NANBA, Masayoshi
		Group Art Unit	1635
		Examiner Name	B. Whiteman
Total Number of Pages in This Submission	21	Attorney Docket Number	2519 US0P

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group		
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences		
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information		
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter		
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Return Postcard. Certificate of Express Mailing Election of Claims		
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer			
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund			
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____			
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application				
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53				
<table border="1"><tr><td>Remarks</td><td>The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 500799.</td></tr></table>			Remarks	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 500799.
Remarks	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 500799.			

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark Chao, Ph.D., JD, Reg. No. 37,293
Signature	
Date	3/14/03

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 

Typed or printed name	Gail L. Winokur
Signature	
Date	3/14/03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

JCT 97  
MAR 14 2003  
U.S. PATENT & TRADEMARK OFFICE

# FEET TRANSMITTAL

## for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 110.00)

## Complete if Known

Application Number	09/673,958
Filing Date	8/13/2001
First Named Inventor	NANBA, Masayoshi
Examiner Name	B. Whiteman
Art Unit	1635
Attorney Docket No.	2519 USOP

RECEIVED  
MAY 24 2003  
TECH CENTER 1600  
1600 1600 1600 1600

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:Deposit Account Number  
Deposit Account Name

500799

Takeda Chemical Ind. Inc.

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
 

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	2001	750	375	Utility filing fee	
1002	2002	330	165	Design filing fee	
1003	2003	520	260	Plant filing fee	
1004	2004	750	375	Reissue filing fee	
1005	2005	160	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		(\$)			

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X	=
			- 3** =	X	=

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
1202	2202	18	9	Claims in excess of 20
1201	2201	84	42	Independent claims in excess of 3
1203	2203	280	140	Multiple dependent claim, if not paid
1204	2204	84	42	** Reissue independent claims over original patent
1205	2205	18	9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		(\$)		

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

## Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	110.00
1252	410	2252 205 Extension for reply within second month	
1253	930	2253 465 Extension for reply within third month	
1254	1,450	2254 725 Extension for reply within fourth month	
1255	1,970	2255 985 Extension for reply within fifth month	
1401	320	2401 160 Notice of Appeal	
1402	320	2402 160 Filing a brief in support of an appeal	
1403	280	2403 140 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,300	2453 650 Petition to revive - unintentional	
1501	1,300	2501 650 Utility issue fee (or reissue)	
1502	470	2502 235 Design issue fee	
1503	630	2503 315 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801 375 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 110.00)

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Mark Chao, Ph.D., JD.	Registration No. (Attorney/Agent)	37,293	Telephone 847-383-3372
Signature		Date	3/14/03	

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

**EXPRESS MAIL # EV 19397649545**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/673,958  
Filed: 8/13/2001  
1<sup>st</sup> Inventor: NANBA, Masayoshi  
For: A Human Derived Immortalized Liver Cell Line  
Atty. Dkt. No. 2519 US0P

Art Unit: 1635  
Examiner: B. Whiteman  
Allowed:  
Batch:  
Paper No.:

**CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10**

**USPS EXPRESS MAIL LABEL. No. EV 193976495 US**

**DATE IN: March 14, 2003**

**Itemized Papers/Items:**

1. This Postcard and Certificate of Express Mailing (2 pages)
2. Transmittal Form (1 page) and Fee Transmittal Form (1 page X 2)
3. Petition for Extension of Time (1 page X 2)
4. Election of Claims and Preliminary Amendment (14 pages)

The undersigned hereby certifies that the above itemized papers are together being deposited with the Express Mail Post Office to Addressee service of the United States Postal Service (USPS) in an envelope with sufficient postage, having the USPS Express Mail Label No. shown above, and addressed to:

Commissioner for Patents  
Washington, D.C. 20231.

on this date, 3/14/03

Dated:

Gail L. Winokur  
Gail L. Winokur

Takeda Pharmaceuticals North America, Inc.  
Intellectual Property Department  
Suite 500, 475 Half Day Road  
Lincolnshire, IL 60069 USA

RECEIVED

MAR 24 2003

TECH CENTER 1600/2900